



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **ASSAF GOVARI**, et al.

Application No.: 10/706,299

Group No.: 3739

Filed: November 11, 2003

Examiner:

For: EXTERNALLY APPLIED RF FOR PULMONARY VEIN ISOLATION

Attorney Docket No.: U 014946-4

Commissioner of Patents

P. O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that the attached correspondence comprising:

INFORMATION DISCLOSURE STATEMENT; FORM PTO-1449;
REFERENCES

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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JULIAN H. COHEN

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Signature of person mailing paper

(Certificate of Mailing under 37 C.F.R. 1.8(a) 8-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Assaf GOVARI, et al.

Serial No.: 10/706,299

Filed: November 11, 2003

For: EXTERNALLY APPLIED RF FOR
PULMONARY VEIN ISOLATION



) Art Unit: (N/A) 3739

) Examiner: (N/A)

) Washington, D.C.

) April 1, 2004

) Docket No.: U 014946-4

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

☒ 1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed:

(Check one of the boxes A-D)

☐ A. within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

☒ B. before the mailing date of a first office action on the merits.

☐ C. after (A) and (B) above, but before final rejection or allowance, and Applicants have made the necessary certification (box "i" below) or paid the necessary fee (box "ii" below).

(check one of the boxes "i" and "ii" below:)

☐ i. Counsel certifies that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ ii. A check for the fee set forth in 1.17(p), presently believed to be \$240, is enclosed (check no. _____).

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Applicant petitions under 37 C.F.R. 1.97(d) for the consideration of this IDS. A check for the fee set forth in §1.17(i), presently believed to be \$130 is enclosed (check no. _____). Counsel certifies that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☒ 2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

☐ A. Document(s) _____ is (are) deemed substantially cumulative to document(s) _____, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.

☐ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon under 35 U.S.C. 120:

[insert serial numbers and filing dates of prior applications]

Applicant identifies these documents by attaching hereto copies of the forms PTO-892 and PTO-1449 from the files of the prior application(s) or a fresh PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☐ 3. Documents _____ is (are) not in the English language. In accordance with 1.98(c), Applicant states:

☐ An English translation of each document _____ (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

☐ A concise explanation of the relevance of document(s) _____ is found in the attached search report (see reply to Comment 68 in the preamble to the final rules; 1135 OG 13 at 20).

☐ A concise explanation of the relevance of document(s) _____ is set forth as follows:
[Insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) _____ can be found on page(s) _____ of the specification.

☐ A concise explanation of document(s) _____ can be found on the attached sheet.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

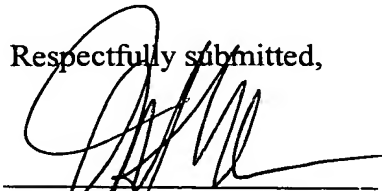
☐ 5. Other information being provided for the examiner's consideration follows:

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.


CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS

Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

Respectfully submitted,



JULIAN H. COHEN
c/o LADAS & PARRY
26 WEST 61ST STREET
NEW YORK, NEW YORK 10023
REG. NO. 20302 (212) 708-1887

FORM PTO-1449 (Colb)	ATTY DOCKET NO. U 014946-4	SERIAL NUMBER 10/706,299
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION STATEMENT	APPLICANT Assaf GOVARI, et al.	EXAMINER (N/A)
	FILING DATE November 11, 2003	GROUP ART UNIT (N/A)

U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	5,443,489	08/1995	Ben-Haim			
	AB	5,480,422	01/1996	Ben-Haim			
	AC	5,954,665	09/1999	Ben-Haim			
	AD	5,807,395	09/1998	Mulier, et al.			
	AE	6,190,382	02/2001	Ormsby, et al.			
	AF	6,251,109	06/2001	Hassett, et al.			
	AG	6,090,084	07/2000	Hassett, et al.			
	AH	6,117,101	09/2000	Diederich, et al.			
	AI	6,012,457	01/2000	Lesh			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ	WO 96/05768	2/1996	PCT			

OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AK	David Keane, et al, "Linear Atrial Ablation with a Diode Laser and Fiberoptic Catheter", Circulation 100:e59-e60, 1999.
	AL	C. Pappone, et al, "Circumferential Radiofrequency Ablation of Pulmonary Vein Ostia", Circulation 102:2619-2628, 2000.
	AM	Melvin M. Scheinman, et al, "Nonpharmacological Approaches to Atrial Fibrillation", Circulation 103:2120-2125, 2001.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,024,740	02/2000	Lesh, et al.			
	AB	6,484,118	11/2002	Govari			
	AC	5,938,660	08/1999	Swartz, et al.			
	AD	6,235,025	05/2001	Swartz, et al.			
	AE	6,245,064	06/2001	Lesh, et al.			
	AF	6,164,283	12/2000	Lesh			
	AG	6,305,378	10/2001	Lesh			
	AH	5,971,983	10/1999	Lesh			
	AI	6,004,269	12/1999	Crowley, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ	WO 02/30331	4 / 2002	PCT			

OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AK	David L. Ware, et al, "Slow Intramural Heating with Diffused Laser Light A Unique Method for Deep Myocardial Coagulation", Circulation 99:1630-1636, 1999.
	AL	Mathias Fink, "Time-Reversed Acoustics", Scientific American, pp. 91-97, November 1999.
	AM	John C. Middleton, et al, "Synthetic biodegradable Polymers as Medical Devices", Medical Plastics and Biomaterials Magazine, March 1998.
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U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,064,902	05/2000	Haissaguerre, et al			
	AB	5,366,490	11/1994	Edwards, et al.			
	AC	5,391,199	02/1995	Ben-haim			
	AD	5,840,025	11/1998	Ben-haim			
	AE	4,979,948	12/1990	Geddes, et al.			
	AF	5,433,708	07/1995	Nichols, et al.			
	AG	5,891,134	04/1999	Goble, et al.			
	AH	6,190,353	02/2001	Makower, et al.			
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AJ						

OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AK	S. Adam, et al, "Extracardiac Ablation of the Canine Atrioventricular Junction by Use of High-Intensity Focused Ultrasound", Circulation 100:203-208, 1999.
	AL	Andrea Natale, et al, "First Human Experience With Pulmonary Vein Isolation Using A Through-The-Balloon Circumferential Ultrasound Ablation System For Recurrent Atrial Fibrillation", Circulation 102:1879-1882, 2000.
	AM	
EXAMINER:		DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		